Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

	Under the Paperwo	irk Redu	ction Act of 1995, no persons	are required to respond to a collection of	of information unless it contains a valid	OMB control number.			
ubstitute for form 1449A/PTO				Complete if Known					
				Application Number	10/614,862	10			
NF(PRMATION	DIS	CLOSURE	Filing Date	July 9, 2003	41			
AT	TEMENT B	Y A	PPLICANT	First Named Inventor	Yasuo Inoue In	الع			
				Group Art Unit	2182	2005 N			
(use as many sheets as necessary)				Examiner Name	Alan S. Che				
neet	1	of	1 .	Attorney Docket Number	29284-594				

			U.S. PAT	ENT DOCUM	MENTS			
Examiner Initials *	Cite	Document Number	Publication Dat	Name of Patente	Itentee or Applicant of ed Document	Pages, Columns, Lines, Where Relevant Passage or Relevant Figures Appear		
	No.1	Number - Kind Code ² (if known)		1				
ASC.		US-4,636,946	1/13/1987	7 Ha	irtung, et al.			
		US-				<u> </u>		
		US-			· · · · · · · · · · · · · · · · · · ·			
		US-						
		US-						
		US-						
		US-	<u> </u>					
		OTHER PRIOF	R ART - NON	PATENT LI	TERATURE DOC	UMENTS		
	1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
	Cite No.1	magazine, journal, serial	l, symposium, c	:atalog, etc.}, d	ate, page(s), volume	e-issue number(s), publishe	er, city and/o	
Examiner Initials *		magazine, journal, serial	l, symposium, c	atalog, etc.), d country w	ate, page(s), volume here published.	-issue number(s), publishe	er, city and/o	
	No.1	magazine, journal, serial	l, symposium, c	etalog, etc.), d	ate, page(s), volume here published.	eissue number(s), publish	er, city and/or	
	No.1	magazine, journal, serial	foreign i	etalog, etc.), di country w	ate, page(s), volume here published.	Pages, Columns, Lines,	er, city and/or	
	No.1	Foreign Patent Doc	FOREIGN I	etalog, etc.), d	ate, page(s), volume here published.	-issue number(s), publish	T ⁶	
nitials *	No.1	magazine, journal, serial	FOREIGN I	etalog, etc.), dicountry w	ate, page(s), volume here published. CUMENTS Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant		
nitials * Examiner Initials*	No.1	Foreign Patent Doc	FOREIGN I	PATENT DO Publication Date MM-OD-YYYY	ate, page(s), volume here published. CUMENTS Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
nitials * Examiner Initials*	No.1	Foreign Patent Doc	FOREIGN I	PATENT DO Publication Date MM-OD-YYYY	ate, page(s), volume here published. CUMENTS Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
nitials *	No.1	Foreign Patent Doc	FOREIGN I	PATENT DO Publication Date MM-OD-YYYY	ate, page(s), volume here published. CUMENTS Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	er, Cisy and/o	

Examiner Signature	Date Considered	08/11/05	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will va y depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.